



U.S. Department
of Homeland Security

United States
Coast Guard

LOCAL NOTICE TO MARINERS MONTHLY EDITION

District: 13

Week: 44/04

Boating Safety Classes or Information: 1-800-336-BOAT (2628)

ISSUED BY: COMMANDER, THIRTEENTH COAST GUARD DISTRICT (oan)
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LIGHT LIST REFERENCE: COMDTPUB P16502.6, Light List Volume VI, 2004 Edition

UNITED STATES COAST GUARD NAVIGATION INFORMATION SERVICE (NIS)

The United States Coast Guard Navigation Information Service (NIS), operated by the USCG Navigation Center, is staffed 24 hours a day, 7 days a week. The NIS provides information on the current operational status, effective policies, and general information for GPS, DGPS, and LORAN-C. The NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar Users (NANU). NANU notices can also be obtained via e-mail subscription through the USCG Navigation Center website

<http://www.navcen.uscg.gov/gps/status/default.htm>.

In addition, the NIS investigates all reports of degradation or loss of GPS, DGPS or LORAN service. Mariners are encouraged to report all degradation of radio navigation services to the NIS via any of the following: Phone: 703-313-5900, Email: webmaster@navcen.uscg.mil or on the World Wide Web at: <http://www.navcen.uscg.gov>.

BROADCAST NOTICE TO MARINERS

This section contains a range of all the significant Broadcast Notice to Mariners (BNM's) on the date of this edition.

<u>Originating Unit</u>	<u>Beginning BNM</u>	<u>Ending BNM</u>
CGD THIRTEEN	D13-2020-04	D13-2050-04

ABBREVIATIONS

ACOE - Army Corps of Engineers	EST - Established Aid	KGW - Refer to Light List
ADRIFT - Buoy Adrift	EVAL - Evaluation	KGW-I - Refer to Light List
AICW - Atlantic Intracoastal Waterway	EXT - Extinguished	KRB - Refer to Light List
B - Buoy	FL - Flashing	KRB-I - Refer to Light List
BKW - Breakwater	F/S - Fog Signal	KRG - Refer to Light List
B - Refer to Light List	HAZ - Hazard to Navigation	KRG-I - Refer to Light List
BNM - Broadcast Notice to Mariner	HBR - Harbor	KRW - Refer to Light List
CG - Refer to Light List	HOR - Horizontal Clearance	KWB - Refer to Light List
CHAN - Channel	HT - Height	KWB-I - Refer to Light List
CGD - Coast Guard District	ICW - Intracoastal Waterway	KWG - Refer to Light List
CR - Refer to Light List	IMPCA - Improper Characteristics	KWG-I - Refer to Light List
C/O - Cut Off	INL - Inlet	KWR - Refer to Light List
CONT - Contour	INOP - Not Operating	KWR-I - Refer to Light List
CONSTR - Construction	ISL - Islet	LAT - Latitude
CRK - Creek	KBG - Refer to Light List	LB - Lighted Buoy
CONST - Construction	KBG-I - Refer to Light List	LBB - Lighted Bell Buoy
DBN - Daybeacon	KBR - Refer to Light List	LHB - Lighted Horn Buoy
DBD/DAYBD - Dayboard	KBR-I - Refer to Light List	LGB - Lighted Gong Buoy
DBN/DEST - Daybeacon Destroyed	KBW - Refer to Light List	LONG - Longitude
DBN IMCH - Daybeacon Improper Characteristic	KGB - Refer to Light List	LNM - Local Notice to Mariners
DISCON - Discontinued	KGB-I - Refer to Light List	LT - Light
DMGD - Daybeacon Damaged	KGR - Refer to Light List	LT CONT - Light Continuous
	KGR-I - Refer to Light List	LWB - Lighted Whistle Buoy

MISS - Missing
 MR - Refer to Light List
 MR-I - Refer to Light List
 N/A - Not Available
 NB - Refer to Light List
 N/C - Not Charted
 ND - Refer to Light List
 NG - Refer to Light List
 NIMA - National Imagery and Mapping Agency
 NL - Refer to Light List
 NO - Number
 NOS - National Ocean Service
 NR - Refer to Light List
 NW - Refer to Light List
 NW - Notice Writer
 NY - Refer to Light List

OBSCU - Obscured
 OBST - Obstruction
 OBSTR - Obstruction
 PRIV - Private Aid
 RBN - Radio Beacon
 REBUILT - Aid Rebuilt
 RECOVERED - Aid Recovered
 RED - Red Buoy
 REDINT - Reduced Intensity
 RRL - Range Rear Light
 RELIGHTED - Aid Relighted
 RELOC - Relocated
 RESET ON STATION - Aid Reset on Station
 RFL - Range Front Light
 RIV - River
 SEC - Section

SG - Green Square on pile
 SG-SY - Green Square with Yellow Square on pile
 SHL - Shoaling
 SND - Sound
 STM - Statue Mile
 TEMP - Temporary Aid Change
 TR - Red Triangle on pile
 TRLB - Temporarily Replaced by Lighted Buoy
 TRLT - Temporarily Replaced by Light
 TR-TY - Red Triangle with Yellow Triangle on pile
 TRUB - Temporarily Replaced by Unlighted Buoy

Additional Abbreviations Specific to this LNM Edition:

LED - Light Emitting Diode
 LWP - Light Watching Properly

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

WASHINGTON - OFF SHORE - Gunnery Exercise

The U.S. Coast Guard will be conducting live firings in area W-237F, within 10NM of approximate position 47-52-00N 126-43-00W, from 0800 to 1800 local 05 Nov 04. For additional information, contact the U.S. Coast Guard at (619) 556-6545.

Chart 18003

LNM: 43/04

WASHINGTON - HOOD CANAL - Surface / Subsurface Operations

Naval Undersea Warfare Center (NUWC) Keyport Division is operating an Undersea Unmanned Vehicle in the vicinity of Hazel Point to South Hood Canal at approximate position 47-44-00N 122-44-18W, from 0600 to 2300 local, from 15 Oct 04 to 31 Jan 05. Navy vessels US Navy Barge YC-1635, a small boat, and a Dabob Range guard boat will also participate in the operations. Mariners are requested to use caution in the area. For additional information, mariners can contact Navy Barge YC-1635 on VHF-FM Channels 16 / 88 or call (360) 621-4378.

Chart 18445

LNM: 42/04

WASHINGTON - GUEMES CHANNEL - Construction

Mason Construction will be working on the Guemes and Anacortes ferry docks commencing with the Guemes side on 18 Oct 04, then tentatively on the Anacortes side on 15 Nov 04 and finish approximately 30 Nov 04. Manson Construction equipment consists of the pile driver Norseman, tugboat Elmer, barge Manson 35 and Barge 110. Mariners are requested to caution in the vicinity of the construction equipment. For additional information, contact the Skagit County Public Works at (360) 336-9400.

Chart 18421

LNM: 42/04

WASHINGTON - APPROACHES TO STRAIT OF JUAN DE FUCA - Survey Operations

The NOAA Ship Rainier and her survey launches will be conducting survey operations in the vicinity of Smith Island at the eastern approaches to the Strait of Juan De Fuca from 19 Oct to 12 Nov 04. The Rainier and her survey launches will monitor VHF-FM Channels 05A, 13, and 16. For additional information, contact the Rainier at (877) 665-6533.

Chart 18480

LNM: 42/04

SNAKE RIVER - LOWER MONUMENTAL NAVIGATION LOCK - Damage

Due to recent contact with a barge, the upstream concrete guidewall on the north side of the Lower Monumental Lock, at Snake River Mile 41.6, has experienced damage to the concrete and steel reinforcement. The damaged area starts at the upstream end of the concrete at its intersection with the floating guidewall, and extends approximately 40 feet along the top edge of the concrete toward the lock chamber. Although nothing is protruding into the lock approach, there are still small pieces of exposed steel along the upper edge of the guidewall. Mariners are requested to use caution to avoid contact with the wall in this area. For additional information, contact the Army Corps of Engineers at (509) 527-7115.

Chart 18545

LNM: 40/04

WASHINGTON - PUGET SOUND - Geoduck Harvesting

Geoduck harvesting will be conducted in the area of Point Heyer (east side of Vashon Island) and in Pitt Passage (west side of McNeil Island) from 11 Oct 04 to 28 Jan 05. These operations will take place from 0800 until 1600 local, Monday through Friday, excluding state holidays. The Department of Natural Resources patrol boat will be onsite and monitoring VHF-FM Channel 8. Vessels transiting the area are requested to stay 300ft clear of divers. For additional information, contact the Washington Department of Natural Resources at (360) 902-1100.

Charts 18448,18474

LNM: 40/04

SECTION II - DISCREPANCIES

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No	BNM Ref.	LNM St	LNM End
9600	Yaquina Bay Entrance Lighted Gong Buoy 3	Off Station 34 yds / 173°T	18561	D13-1182-04	42/04	
11030	St Helens Range Front Light	Damaged / Off Station	18524	D13-1066-04	38/04	
15595	Grays Harbor Channel Lighted Whistle Buoy 11	MISS	18502	D13-1093-04	39/04	
16095.1	Quillayute River Entrance Buoy 3A	Off Station	18480	D13-1185-04	42/04	
17615	Kilisut Harbor Daybeacon 8	Structure MISS / TRUB Off Station	18441	D13-0905-03	32/04	
19935	International Boundary Range C Front Light	IMPCHA / DBD Faded and Peeling	18421	D13-1191-02	38/02	

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No	BNM Ref.	LNM St	LNM End
11075	Warrior Rock Reef Lighted Buoy 4	LWP	18525	D13-2025-04	43/04	44/04
16185	Clallam Reef Lighted Bell Buoy 1	LWP	18460	D13-2025-04	43/04	44/04

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No	BNM Ref.	LNM St	LNM End
687	Seaside Data Buoy	MISS	18500	D13-1175-04	42/04	
9185	North Slough Channel Daybeacon 4	IMPCHA	18587	D13-0478-04	18/04	
9190	North Slough Channel Daybeacon 8	IMPCHA	18587	D13-1144-02	36/02	
9195	Haynes Inlet Channel Daybeacon 1	IMPCHA	18587	D13-0479-04	18/04	
9205	Haynes Inlet Channel Daybeacon 5	IMPCHA	18587	D13-0480-04	18/04	
9210	Haynes Inlet Channel Daybeacon 7	IMPCHA	18587	D13-0481-04	18/04	
12930.6	Lower Middle Channel Approach Buoy E	MISS	18542	D13-0800-04	30/04	
12930.7	Lower Middle Channel Approach Buoy G	MISS	18542	D13-0954-04	34/04	
12930.9	Lower Middle Channel Approach Buoy 3	IMPCHAR / Off station	18542	D13-0955-04	34/04	
12930.94	Lower Middle Channel Approach Buoy 9	IMPCHAR / Off station	18542	D13-0953-04	34/04	
15030	Oswego North Pier Light	IMPCHAR	18528	D13-0973-04	35/04	
15035	Oswego South Pier Light	IMPCHAR	18528	D13-0974-04	35/04	
16795	ACOE Shilshole Bay South Lighted Mooring Buoy	MISS	18441	D13-2040-04	44/04	
17731	Mariculture Lighted Buoys (2)	EXT	18441	D13-0957-04	35/04	
18285	North Lake Washington Monitoring Lighted Buoy	EXT	18447	D13-2036-04	44/04	
18378	Cich's Pier Light	EXT	18447	D13-2035-04	44/04	
18380	Meydenbauer Bay Yacht Club Lights (6)	EXT	18447	D13-2037-04	44/04	
19230	Georgia Pacific Outfall Lighted Buoy	EXT / DMGD	18421	D13-2001-04	43/04	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No	BNM Ref.	LNM St	LNM End
12905	Port Kelly Range A Rear Daybeacon	LWP	18542	D13-2021-04	41/04	44/04
13507	Lower Monumental Research Float	LWP	18546	D13-2042-04	41/04	44/04
13697	Little Goose Research Float	LWP	18547	D13-2043-04	41/04	44/04
13937	Lower Granite Research Float	LWP	18548	D13-2044-04	41/04	44/04
17172	Blair Waterway Range Front Light	LWP	18448	D13-2038-04	41/04	44/04
17173	Blair Waterway Range Rear Light	LWP	18448	D13-2039-04	41/04	44/04
18165	Lower Guide Wall Light	LWP	18447	D13-2047-04	31/04	44/04
18175	Upper Guide Wall Light	LWP	18447	D13-2048-04	31/04	44/04

SECTION III – TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

This section contains temporary changes and corrections to Aids to Navigation for this edition. When charted aids are temporarily relocated for dredging, testing, evaluation, or marking an obstruction, a temporary correction shall be listed in Section IV giving the new position.

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No	BNM Ref.	LNM St	LNM End
16856	Coast Guard Pier Light North	TEMP DISCON	18449	D13-0729-03	26/03	
16857	Coast Guard Pier Light South	TEMP DISCON	18449	D13-0729-03	26/03	

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No	BNM Ref.	LNM St	LNM End
None						

SECTION IV – CHART CORRECTIONS

This section contains corrections to federally and privately maintained Aids to Navigation, as well as NOS corrections.

This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only. It is up to the mariner to decide which Chart(s) are to be corrected. The following example explains the individual elements of a typical chart correction.

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariner
18427	20 TH ed	3/18/2000	Last LNM 25/99	NAD 83	(NOS Silver Spring)	40/99
<div> <div>Chart Title: WA – ANACORTES TO SKAGIT BAY - (Temp)</div> <div> <div>Add</div> <div>Ben Ure Island Light 2, FI R 4s, 25ft 4M</div> </div> <div>at</div> <div> <div>48-24-12.100N</div> <div>124-37-42.000W</div> </div> </div>						
	Corrective Action	Object of Correction				Position

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true. Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

18400	44th ed	Aug 2003	Last LNM 42/04	NAD 83	(CCGD 13)	44/04
Chart Title: WA - STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA						
	Change	Strait of Juan De Fuca Traffic Separation Lighted Buoy PA characteristics to FI Y 2.5s 6NM			at	48-12-53.992N 123-28-40.877W
18421	46th ed	Sep 2003	Last LNM 42/04	NAD 83	(CCGD 13)	44/04
Chart Title: WA - STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA						
	Delete	Cattle Point Light 2 characteristic HORN (BI 15s)			at	48-27-02.310N 122-57-48.009W
18423	34th ed	Dec 2003	Last LNM 42/04	NAD 83	(CCGD 13)	44/04
Chart Title: WA - BELLINGHAM TO EVERETT INCLUDING SAN JUAN ISLANDS						
	Delete	Cattle Point Light 2 characteristic HORN (BI 15s)			at	48-27-02.310N 122-57-48.009W

18433	5th ed	Dec 2002	Last LNM 37/04	NAD 83	(CCGD 13)	44/04
Chart Title: WA - HARO STRAIT						
Delete		Lime Kiln Light characteristic HORN (BI 30s)			at 48-31-00.000N	123-09-59.900W
18434	5th ed	Oct 2003	Last LNM 42/04	NAD 83	(CCGD 13)	44/04
Chart Title: WA - SAN JUAN CHANNEL						
Delete		Cattle Point Light 2 characteristic HORN (BI 15s)			at 48-27-02.310N	122-57-48.009W
18440	27th ed	Nov 2003	Last LNM 37/04	NAD 83	(CCGD 13)	44/04
Chart Title: WA - PUGET SOUND						
Change		Lynch Cove Dock Lights (2) characteristics to F Y			at 47-25-18.000N	122-54-00.000W
Change		Kamilche Sea Farm Lighted Buoy A characteristics to Q Y			at 47-07-29.000N	123-01-16.000W
18444	16th ed	Sep 2004	Last LNM 39/04	NAD 83	(NOS NW -8398)	44/04
Chart Title: WA - EVERETT HARBOR						
		Tabulation - Everett Harbor and Snohomish River		1: 10,000	centered at 48-01-18.000N	122-13-57.000W
18445	30th ed	Oct 2003	Last LNM 39/04	NAD 83	(CCGD 13)	44/04
Chart Title: WA - PUGET SOUND - POSSESSION SOUND TO OLYMPIA INCLUDING HOOD CANAL						
Change		Lynch Cove Dock Lights (2) characteristics to F Y			at 47-25-18.000N	122-54-00.000W
Change		Kamilche Sea Farm Lighted Buoy A characteristics to Q Y			at 47-07-29.000N	123-01-16.000W
18448	33rd ed	Sep 2003	Last LNM 37/04	NAD 83	(CCGD 13)	44/04
Chart Title: WA - PUGET SOUND - SOUTHERN PART						
Change		Lynch Cove Dock Lights (2) characteristics to F Y			at 47-25-18.000N	122-54-00.000W
Change		Kamilche Sea Farm Lighted Buoy A characteristics to Q Y			at 47-07-29.000N	123-01-16.000W
18465	36th ed	Jan 2004	Last LNM 42/04	NAD 83	(CCGD 13)	44/04
Chart Title: WA - STRAIT OF JUAN DE FUCA - EASTERN PART						
Change		Strait of Juan De Fuca Traffic Separation Lighted Buoy PA characteristics to FI Y			at 48-12-53.992N	123-28-40.877W
		2.5s 6NM				
Delete		Cattle Point Light 2 characteristic HORN (BI 15s)			at 48-27-02.310N	122-57-48.009W
18476	5th ed	Feb 2004	Last LNM 34/04	NAD 83	(CCGD 13)	44/04
Chart Title: WA - PUGET SOUND - HOOD CANAL AND DABOB BAY						
Change		Lynch Cove Dock Lights (2) characteristics to F Y			at 47-25-18.000N	122-54-00.000W
18521	70th ed	Oct 2003	Last LNM 43/04	NAD 83	(NOS NW -8380)	44/04
Chart Title: OR - WA - COLUMBIA RIVER PACIFIC OCEAN TO HARRINGTON POINT						
Add		Tabulation: Columbia River			centered at 46-07-54.000N	123-45-55.000W
		COLUMBIA RIVER CHANNEL ENTRANCE TO MILLER SANDS				
18523	55th ed	Sep 2004	Last LNM 43/04	NAD 83	(NOS NW -8382)	44/04
Chart Title: OR - WA - COLUMBIA RIVER - HARRINGTON POINT TO CRIMS ISLAND						
Add		Tabulation: Columbia River			centered at 46-08-44.000N	123-32-06.000W
		MILLER SAND RANGE TO GULL ISLAND TURN				
18524	34th ed	Jun 2004	Last LNM 40/04	NAD 83	(NOS NW -8389)	44/04
Chart Title: OR - WA - COLUMBIA RIVER - CRIMS ISLAND TO ST HELENS						
Add		Tabulation: Columbia River			centered at 46-03-45.000N	122-57-49.000W
		GULL ISLAND TURN AND CHANNEL TO SAINT HELENS TURN				
18525	34th ed	May 2004	Last LNM 40/04	NAD 83	(NOS NW -8383)	44/04
Chart Title: OR - WA - COLUMBIA RIVER - SAINT HELENS TO VANCOUVER						
Add		Tabulation: Columbia River			centered at 45-36-47.000N	122-51-51.000W
		SAINT HELENS TURN TO TOMAHAWK BAR				
18526	56th ed	Dec 2004	Last LNM 40/04	NAD 83	(NOS NW -8384)	44/04
Chart Title: OR - WA - PORT OF PORTLAND - INCLUDING VANCOUVER						
Add		Tabulation: Columbia River			centered at 45-32-36.000N	122-45-19.000W
		MORGAN CHANNEL TO TOMAHAWK BAR				
18531	21st ed	Dec 2003	Last LNM 40/04	NAD 83	(NOS NW -8404)	44/04
Chart Title: OR - WA - COLUMBIA RIVER VANCOUVER TO BONNEVILLE						
Add		Tabulation: Columbia River			centered at 45-38-08.000N	122-14-55.000W
		TOMAHAWK BAR TO BONNEVILLE LOCKS				
18548	5th ed	Dec 2002	Last LNM 12/04	NAD 83	(CCGD 13)	44/04
Chart Title: WA - SNAKE RIVER - LOWER GRANITE LAKE						
Add		Chief Timothy Water Intake Light Q Y			at 46-25-38.400N	117-09-11.340W
18587	69th ed	May 2004	Last LNM 39/04	NAD 83	(NOS NW -8327)	44/04
Chart Title: OR - COOS BAY						
Add		Tabulation - Coos Bay and Isthmus Slough Channel			centered at 43-22-51.000N	124-15-07.000W

OIL RIG MOVEMENT

Drill Rigs/Vessels Removed						
Latitude	Longitude	Block	Rigs/Vessel	Chart	Type	Status
None						
Drill Rigs/Vessels Established						
Latitude	Longitude	Block	Rigs/Vessel	Chart	Type	Status
None						

SECTION V - ADVANCE NOTICES

This section contains advance notice of approved projects, changes to aids to navigation, or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas.

SUMMARY OF ADVANCED APPROVED PROJECTS

Waterway	Project Date	Ref. LNM
None		

SECTION VI - PROPOSED CHANGES

Periodically, the Coast Guard evaluates its system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing aids are considered. This section contains notice(s) of non-approved, proposed projects open for comment. SPECIAL NOTE: Mariners are requested to respond in writing to the District office Attn John Barberi (206) 220-7276 unless otherwise noted (see banner page for address).

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

Waterway	Closing	Docket No.	Ref. LNM
COLUMBIA RIVER – HARRINGTON POINT TO CRIMS ISLAND	03 December 2004		LNM: 43/04

Navigation Aids: To accommodate solarization.

Reduce the nominal range of Welch Island Channel Lighted Buoy 28 (LLNR 10325) from four (4) to three (3) nautical miles.

Chart 18523

Waterway	Closing	Docket No.	Ref. LNM
WASHINGTON – COLUMBIA RIVER TO DESTRUCTION ISLAND	26 November 2004		LNM: 41/04

Navigation Aids: Due to new/improved navigation technology (DGPS), this fog signal is no longer considered necessary for safe navigation.

Discontinue the fog signal at Destruction Island Light (LLNR 735).

Charts 18003, 18007, 18480, 18500

Waterway	Closing	Docket No.	Ref. LNM
WASHINGTON – APPROACHES TO STRAIT OF JUAN DE FUCA	26 November 2004		LNM: 41/04

Navigation Aids: Due to new/improved navigation technology (DGPS), this fog signal is no longer considered necessary for safe navigation.

Discontinue the fog signal at Cape Flattery Light (LLNR 760/16145).

Charts 18400, 18460, 18480, 18485

Waterway	Closing	Docket No.	Ref. LNM
COLUMBIA RIVER – CRIMS ISLAND TO ST. HELENS	12 November 2004		LNM: 40/04

Navigation Aids: No longer considered necessary for safe navigation in the waterway.

Discontinue Fisher Island Slough Light 4 (LLNR 10740).

Chart 18524

SECTION VII - GENERAL

This section contains information of general concern to the Mariners. Mariners are advised to use caution while transiting these areas.

OREGON - Bridge Information (Revisions of LNM 38/04)

Coos Bay

The Coos Bay Drawbridge at mile 9.0 need not open for the passage of vessels unless 48 hour notice is provided for all openings from 0700 to 1700 local, Monday through Friday, from 01 Oct to 12 Nov 04. These temporary special operations are necessary while major repairs are made to the steel truss. At other times the draw will operate normally.

Chart 18587

LNM: 42/04

OREGON - Bridge Information

Siuslaw River

The U.S. 101 Bridge at Florence need not open for the passage of vessels from 0001 local 18 Oct to 2359 local 30 Nov 04. The temporary closure is authorized for a resurfacing project on the double-leaf bascule.

Chart 18583

LNM: 26/04

OREGON - Bridge Information (Revisions of LNM 09/04)

Willamette River

The Broadway Bridge at mile 11.7 will require 24 hour notification for openings from 27 Feb 04 to 13 Jan 05 due to operations related to painting.

Chart 18526

LNM: 44/04

COLUMBIA RIVER - Bridge Information (Revision of LNM 42/04)

Vancouver

The dual liftspans of the Interstate 5 dual vertical lift bridges at river mile 106.5 will be maintained in the closed position until 0700 local 08 Nov 04 due to a major mechanical-electrical rehabilitation project. From 0700 local 08 Nov to 0900 local 15 Nov 04, a two-hour notice is required for openings.

Charts 18524, 18526

LNM: 43/04

WASHINGTON - Bridge Information (Revision of LNM 35/04)

Tacoma Narrows Bridge

Construction - Barges and other equipment will be deployed at various locations around the piers of the new parallel bridge currently under construction. Mariners should be alert to anchor cables and give all equipment a wide berth. Tower cranes will be mounted to the new piers (towers) and will swing wide with the possibility of accidental fall of material. Vessels and divers are advised to avoid the area within a 500-foot radius of the piers at 47-15-54N 122-32-49W and 47-16-15N 122-33-15W. Buoys mark the end of storm water outfall located approximately at 47-16-05N 122-33-32W.

Charts 18448, 18474

LNM: 41/04

WASHINGTON - Bridge Information

Lake Washington Ship Canal

The Montlake Bridge need not open for vessels from 1100 to 1300 and from 1530 to 1730 local on 13 Nov 2004. These temporary closures accommodate heavy road traffic near Husky Stadium.

Chart 18447

LNM: 38/04

WASHINGTON - Bridge Information

Hood Canal

The Hood Canal Bridge is unable to open on incoming tides until further notice.

Chart 18476

LNM: 33/04

WASHINGTON - Bridge Information

Everett

State Route 529 Swingspan Bridge across Steamboat Slough at Everett is inoperable due to mechanical failure until further notice.

Chart 18443

LNM: 36/03

Bridge Lighting Discrepancies:

Lights on the following bridges have been reported extinguished.

Waterway and Mile	Bridge Name	Location	Status	Date reported	BNM	LNM
Clatskanie River Mile 0.7	Clatskanie River Bridge	Clatskanie, OR	EXT	15 Sep 04	1058-04	38/04
Snake River Mile 58.5	Joso Bridge	Raparia, WA	EXT	06 Oct 04	1142-04	41/04
Snake River Mile 61.8	Sargent Bridge	Starbuck, WA	EXT	06 Oct 04	1143-04	41/04
Snake River Mile 83.2	SR 127 Bridge	WA	EXT	07 Oct 04	1144-04	41/04
Skagit River Mile 12.5	Division Street Swing Bridge	Mt Vernon, WA	EXT	29 Oct 04	2027-04	44/04

Bridge Lighting Discrepancies Corrected:

The following bridge discrepancies have been corrected since the last Local Notice to Mariners:

Waterway and Mile	Bridge Name	Location	Status	Date reported	BNM	LNM
None						

WASHINGTON - CHANGE OF OPERATIONAL CONTROL AND GEOGRAPHIC AREA OF RESPONSIBILITY

Effective 01 Oct 04, Coast Guard responsibilities for operations and geographic areas has changed as follows:

Coast Guard Group Seattle's new area of responsibility is defined as: starts at the northeastern most point of Whatcom County and the Canadian border 49-00-00N 120-51-34W; then proceeds along the Canadian border eastward to the Montana-North Dakota boundary; thence southerly along this boundary to the Wyoming State line; thence westerly and southerly along the Montana-Wyoming boundary to the Idaho State line; thence northwesterly along the Montana-Idaho boundary to 46-55-00N; thence westerly along 46-55-00N to 123-18-00W; thence northerly to a point 47-58-06N to 123-18-00W; thence easterly to Double Bluff Point 47-58-06N 122-32-48W; thence northward along the western shore of Whidbey Island to West Point then south easterly along the eastern shore of Whidbey Island at Strawberry Point 48-17-53N, 122-30-21W; thence easterly across Skagit Bay along the Skagit Snohomish County line to the southeastern most point of Skagit County thence to the point of origin.

Coast Guard Group Port Angeles' new area of responsibility is defined as: starts at 48-29-35N 124-43-45W and proceeds along the Canadian border eastward to the northeastern most point of Whatcom County and the Canadian border 49-00-00N 120-51-34W; thence southward following the Whatcom and Skagit Counties' eastern boundaries to the Snohomish County line at 48-17-44N 121-00-05W; thence westward across Skagit Bay to the eastern shore of Whidbey Island at Strawberry Point 48-17-53N 122-30-21W; thence northerly along the Whidbey Island shore to West Point then southerly along the western Whidbey Island shore to Double Bluff Point 47-58-06N 122-32-48W; thence westward to 123-18-00W; thence southward to 47-32-00N 123-18-00W; thence westerly along the 47-32-00N to the Exclusive Economic Zone (EEZ); thence northeasterly along the outermost extent of the EEZ to the Canadian border; thence easterly along the Canadian border to the point of origin. Port Angeles's Search and Rescue Mission Coordination responsibilities extend from its eastern most boundary seaward to 50 nautical miles west of the coastline. Additionally, Group Port Angeles has Search and Rescue Mission Coordination responsibilities in the area bounded by 48-29-35N 126-00-00W eastward to 48-29-35N 124-43-45W thence southwesterly along the EEZ to 48-08-12N. Coast Guard District Thirteen maintains Search and Rescue Mission Coordination responsibilities from 50 nautical miles westward to the EEZ.

Charts 18480, 18440 and 18400

LNM: 39/04

THIRTEENTH COAST GUARD DISTRICT - 2004 Special Local Notice to Mariners

U.S. Coast Guard District 13 has Published the 2004 Special Local Notice to Mariners. The Special Local Notice to Mariners is available for down load from the web at <http://www.uscg.mil/d13/oan/slnm2004.pdf> or <http://www.navcen.uscg.gov/lnm/d13/slnm2004.pdf>. A limited number of Special Local Notice to Mariners are available for mailing by calling (206) 220-7270.

Chart N/A

LNM: 27/04

THIRTEENTH COAST GUARD DISTRICT - Request for information on the use of large-scale driftnets on the high seas (Revision to LNM 09/04)

The United States Coast Guard (USCG) requests mariners be on the lookout for and report any observed driftnets or vessels engaged in driftnet fishing on the high seas (more than 200NM from shore). Sighting information may be made to any of the following Coast Guard offices:

Offices	Phone	Fax	Telex	Email
USCG Pacific Area Alameda, CA Commander (Poo) Coast Guard Island, 51-5 Alameda, CA 94568	1-800-246-7236 1-510-437-3701	1-510-437-3017	230172343	OD11/Pacarea@d11.uscg.mil
USCG 14th District Honolulu, HI Commander D14 (ole) 300 Ala Moana Blvd Honolulu, HI 96850-4982	1-800-331-6176 1-808-541-2500	1-808-541-2123		D14ccdutyofficer@D14.uscg.mil
USCG 17th District Juneau, AK Commander D17 (ole) PO Box 25517, Rm 771 Juneau, AK 99802-5517	1-800-478-5555 1-907-463-2000	1-907-463-2023	49615066	D17-cc@cgalaska.uscg.mil

Illegal high seas driftnet (HSDN) fishing has historically been conducted in the Northwest Pacific Ocean. Mariners following great circle routes between North America and Asia are most likely to encounter this activity. Fishing activity normally takes place between 01 Apr and 31 Aug. However, illegal activity may occur in other areas and at other times of the year.

Information desired include date, time, position, description of gear/vessel, name of vessel, home port and observed activity. Video or photographs are highly desired and can be mailed or emailed to any of the offices above.

HSDN Fishing Vessel Characteristics:

HSDN fishing vessels typically range from 120 to 200 feet in length and are usually in fair to poor condition. Distinguishing characteristics include:

Net tube: A large, usually white tube, which extends from the working deck to the net bin located aft. This tube is about two feet in diameter, runs along the port or starboard side of the superstructure, and is clearly visible from both the surface and air.

Net bin: A structure normally located on an aft deck in which the nets are stored.

Net spreader: A triangular or roller net spreading device, which prevents the net from becoming entangled as it enters the water. While only visible from the stern, this is one characteristic, which clearly distinguishes a HSDN fishing vessel from a longline or other fishing vessel.

Transponders: The radio transponders are approximately 4-6 ft tall, are used to mark the end of a net and are normally stored in racks on the weather decks.

When the net is in the water, it is normally suspended using cylindrical floats spaced every few feet, similar to swimming pool lane markers, with the ends of the nets marked with radio transponders. Other types of floats may be used, including larger spherical floats about 2-3 ft in diameter. The driftnets may vary from a couple hundred yards to several nautical miles in length.

Chart N/A

LNM: 32/04

THIRTEENTH COAST GUARD DISTRICT - Reporting suspicious activity

The Department of Homeland Security (DHS) encourages the maritime public to report information concerning suspicious activity to the National Response Center (NRC) at (800) 424-8802. The U.S. Coast Guard reminds the maritime industry that they may also report information concerning activity to their Local Federal Bureau of Investigation (FBI) Joint Terrorism Task Force (JTTF) Office, <http://www.fbi.gov/contact/fo/fo.htm>, or to other appropriate authorities. Individuals can contact the DHS Watch and Warning Unit at (202) 323-3205, toll free at (888) 585-9078, or by e-mail to nipc.watch@fbi.gov.

Chart N/A

LNM: 15/03

COLUMBIA RIVER - ASTORIA - Construction Projects (Revision of LNM 45/02)

Marine construction activities are scheduled near Astoria on the Oregon side of the Columbia River at the Port of Astoria's Pier III near river mile 11. This is a long-term project that is expected to last until 2005. Mariners should use caution near the 1100-foot pier, as piles may not be visible at high tide. For questions concerning the long-term Pier III project contact the Port of Astoria at (503) 325- 4521.

Chart 18521

LNM: 35/03

OREGON / WASHINGTON - COASTAL REGION - Tsunami Reporting System

As part of the Pacific Tsunami Reporting System the following surface buoys have been deployed by NOAA. Each buoy is a 2.5-meter disk, red and white in color, with the word "TSUNAMI" on it. Each buoy has a "FL Y 4s" light.

Buoy 46404	45-51-32N, 128-46-40W
Buoy 46405	42-54-10N, 130-54-32W
Buoy D - 127	45-31-26N, 127-35-38W

Chart 501

LNM: 29/03

OREGON / WASHINGTON - COASTAL REGION - NOAA

NOAA buoys 46404 and 46405 have been temporarily discontinued.

Chart 501

LNM: 14/04

COLUMBIA AND SNAKE RIVERS - 2004 Winter Seasonal Lockage Schedule for Recreational Craft

The U.S. Army Corps of Engineers, Walla Walla and Portland Districts, have implemented the 2004/2005 winter seasonal lockage schedule, which is effective from 16 September 2004 to 14 May 2005 for the passage of recreational craft through the following navigation locks:

Walla Walla District Locks			Portland District Locks		
Navigation Lock	Location	Chart	Navigation Lock	Location	Chart
McNary Dam	Columbia River Mile 292	18539	Bonneville Dam	Columbia River Mile 145	18531
Ice Harbor Dam	Snake River Mile 9.7	18545	The Dalles Dam	Columbia River Mile 191	18533
Lower Monumental Dam	Snake River Mile 41.6	18545	John Day Dam	Columbia River Mile 216	18535
Little Goose Dam	Snake River Mile 70.3	18546			
Lower Granite Dam	Snake River Mile 107.3	18548			

When a recreational vessel lockage schedule is in effect, recreational vessels will only be allowed to lock through at the times designated for such lockages and they will take precedence over commercial vessels. Commercial vessels will continue to be locked through upon arrival except during the times specified for recreational vessel lockages. At the discretion of the lock operator, recreational vessels may be allowed to lock through with commercial craft. All vessel owner/operators lock through at their own risk. Follow the directions of the lock operator when using the locks or operating in the vicinity of the locks. The lock operator has the final authority on the suitability of a craft for lockage. Refer to the U.S. Army Corps of Engineers Safe Lockage Policy for Recreational Craft on the Columbia and Snake Rivers for additional safety requirements. For additional information on this matter or copies of the Safe Lockage policy, visit the following website: <http://www.nwp.usace.army.mil/op/s/nl> or contact the Walla Walla District at (509) 527-7115/(509) 527-7113 or the Portland District at (503) 808-4332/(503) 808-4333.

The three Portland District Locks and the five Walla Walla District Locks will use the same lockage schedule making the lockage times for the entire Columbia/Snake River system identical for recreational vessels. The following seasonal recreational craft lockage schedule will be implemented beginning 16 Sep 2004:

Traffic Direction	Times		
Upstream Lockages	8:00 a.m.	11:00 p.m.	3:00 p.m.
Downstream Lockages	8:30 a.m.	11:30 p.m.	3:30 p.m.

Consideration will be given for special lockages to flotillas or other unique events sponsored by yacht clubs, marinas, and other groups, provided advance (24 hours) arrangements have been made with the appropriate operations manager or their appointed representative. The following project office and operations managers should be contacted for scheduling of special lockages:

Project	Operations Managers	Phone Number	Alternate Number
Bonneville	Chief Operator on Duty	(541) 374-8323	N/A
The Dalles	Chief Operator on Duty	(541) 298-4007	N/A
John Day	Chief Operator on Duty	(541) 298-9712	N/A
McNary	Randell Ryan	(541) 922-2251	(541) 922-3214
Ice Harbor	Scott Sutliff	(509) 543-3251	(509) 547-7783
Lower Monumental	Matt Allen	(509) 282-7353	(509) 282-3218
Little Goose Project	Scott Ross	(509) 399-2233 x253	(509) 399-2233 x231
Lower Granite Project	Martin Mendiola	(509) 843-1493 x258	(509) 843-1493 x231

Chart N/A

LNM: 37/04

WASHINGTON - STRAIT OF JUAN DE FUCA - Puget Sound Vessel Traffic Services Measure (33CFR161.11)

In support of the Cooperative Vessel Traffic Services (CVTS) Agreement all vessels over 300GT inbound for the U.S. via the Strait of Juan De Fuca are required to submit a 24 hour CVTS offshore advancement report. Follow the IMO Standard Ship Reporting system (Resolution A.648 (16), MSC/WP6). Submit the report using the methods below.

- Via e-mail, rmic-pacific@pac.dfo-mpo.gc.ca<<mailto:rmic-pacific@pac.dfo-mpo.gc.ca>>
- Via INMARSAT telex 04352586 "CGTC VAS VCR"
- Via any Canadian Coast Guard MCTS Centre, free of charge
- Or directly to CVTS Offshore by FAX: 604-666-8453

For additional information, contact Vessel Traffic Services, Puget Sound at (206) 217-6051.

Chart N/A

LNM: 29/04

WASHINGTON - STRAIT OF JUAN DE FUCA - PUGET SOUND - Security Zone of Passenger Vessels (Revision to LNM 06/03)

The Coast Guard is establishing a temporary moving security zone of 500 yards surrounding passenger vessels while within the waters of Puget Sound and adjacent waters. A passenger vessel is defined as any vessel over 100 feet in length (33 meters) carrying passengers for hire such as auto ferries, cruise ships, passenger ferries, and excursion vessels. All vessels within 500 yards of a passenger vessel shall operate at the minimum speed necessary to maintain a safe course and shall proceed as directed by the Official Patrol or passenger vessel master. The Official Patrol will consist of a Coast Guard patrol, Federal Law Enforcement officer or a General Authority Washington Peace Officer, Limited Authority Washington Peace Officer, Specially Commissioned Washington Peace Officer, or the passenger vessel master. This order is issued under the authority of the Ports and Waterways Safety Act, Title 33, U. S. Code 1221 et. Seq., and the regulations issued thereunder, Title 33, Code of Federal Regulations Part 165.

Physical Boundaries: The following area is a security zone: All waters of Puget Sound, Washington State east of 123-30-00W [Datum: NAD 1983] within a 500 yard radius centered on passenger vessels while they are underway, anchored or moored.

Special Rules: All vessels within 500 yards of a passenger vessel shall operate at the minimum speed necessary to maintain a safe course, and shall proceed as directed by the Official Patrol or the passenger vessel master. No vessels will be allowed to transit this area without the permission of the Coast Guard, the Official Patrol or the passenger vessel master. Penalties for violating the zone: The Ports and Waterways Safety Act prescribes that whoever violates an order issued under the act is liable to a civil penalty of not more than \$27,500 for each violation. Each day of continuing violation shall constitute a separate violation. If such a violation is willful, you are subject to a criminal penalty of not more than \$250,000 and/or six years imprisonment. This criminal penalty is classified as a class "D" felony under federal law. Contact the Coast Guard Marine Safety Office, Puget Sound at (206) 217-6215 or VHF-FM Channel 16 for more information.

Chart N/A

LNM: 32/03

WASHINGTON - PUGET SOUND - SEATTLE TO BREMERTON - Ongoing Construction of Pier 36

During ongoing construction at Pier 36 that is expected to be completed September 2005, barges will be moored on the western face of Pier 36 sporadically. Barges will be marked with white flashing lights on the west corners and extend off the face no more than 110 ft. Mariners are requested to exercise caution in the vicinity of Pier 36.

Chart 18449

LNM: 33/03

WASHINGTON - PUGET SOUND - Acoustic Buoys (Revision of LNM 25/04)

Evans-Hamilton, Inc has deployed two acoustic doppler current meters (ADCPs) in approximate positions 47-45-44.1N 122-23-56.4W and 47-46-43.4N 122-24-40.2W. The instruments are in aluminum cages resting on the sea floor with no surface expression and will remain in place until early Jan 05. For additional information, contact Evans-Hamilton, Inc at (206) 526-5622.

Chart 18441

LNM: 42/04

WASHINGTON - LAKE WASHINGTON - Lock Closure

The Hiram M. Chittenden Large Lock will be closed to all traffic, with the small lock remaining open to all vessels within size restrictions from 0001 20 Nov to 1600 local 03 Dec 04 for annual maintenance. For additional information, contact the Army Corps of Engineers at (206) 783-7000.

Chart 18447

LNM: 22/04

WASHINGTON - PUGET SOUND - DUWAMISH WATERWAY - Submerged Barge (Revision of LNM 05/03)

Six barges rather than the one barge previously reported in December 2002, have sunk in the Duwamish Waterway approximately 150 yards south of the 1st Avenue Bridge and are protruding into the west side of the channel. The owner of the partially submerged barge has marked the corner in the channel with a red float and a quick flashing red light. Attempts to salvage the barge have been unsuccessful. An announcement will appear in this publication as changes occur. Contact the Army Corps of Engineers at (206) 764-3429 for more information.

Chart 18450

LNM: 16/03

WASHINGTON - SEATTLE - Marine Events

Date of Event	Event Name	Event Location	Sponsor
11/05/2004	28th Annual Grand Prix	Vicinity Shilshole Bay Marina	Seattle Yacht Club
11/06/2004	28th Annual Grand Prix	Vicinity Shilshole Bay Marina	Seattle Yacht Club
11/06/2004	Wind Seekers Holiday #1	Commencement Sound	Wind Seekers Yacht Club
11/06/2004	Keelboat Races	South Puget Sound	South Sound Sailing Society
11/07/2004	28th Annual Grand Prix	Vicinity Shilshole Bay Marina	Seattle Yacht Club
11/08/2004	Autumn Series	Possession Sound	Milktown Sailing Association
11/09/2004	UW Rowing Races	Lake Washington	University of Washington Crew
11/13/2004	Keelboat Races	South Puget Sound	South Sound Sailing Society
11/13/2004	Wind Seekers Holiday #2	Commencement Sound	Wind Seekers Yacht Club
11/13/2004	Snowbird	Puget Sound	Shilshole Bay Yacht Club
11/13/2004	Snowbird	Alki to Edmonds	Shilshole Bay Yacht Club
11/13/2004	Gig Harbor Le Mans Race	Gig Harbor Bay to Olalla	Gig Harbor Yacht Club
11/20/2004	Foul Weather Regatta	Sinclair Inlet	West Sound Corinthian YC
11/20/2004	Turkey Bowl	Meadow Pt	Corinthian Yacht Club
11/20/2004	Wind Seekers Holiday #3	Commencement Sound	Wind Seekers Yacht Club
11/21/2004	Turkey Bowl	Meadow Pt	Corinthian Yacht Club
11/22/2004	Autumn Series	Possession Sound	Milktown Sailing Association
11/27/2004	Wind Seekers Holiday #4	Commencement Sound	Wind Seekers Yacht Club

SECTION VIII – LIGHT LIST CORRECTIONS

An Asterisk *, indicates the column in which a correction has been made to new information

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
TRINIDAD HEAD TO CAPE BLANCO							
570	Pelican Bay Light	42 02 30 N 124 15 45 W	FI (3) W 20s *	141		White octagonal tower attached to building.	Private aid. 44/04
COLUMBIA RIVER TO DESTRUCTION ISLAND							
718 15533	Scripps Institute Wave Recorder Lighted Buoy	46 51 25 N 124 14 40 W	FI (5) Y 20s *			Yellow sphere shaped buoy.	Private aid. 44/04
8995 *	Coos Bay - Bridge Fog Signal *						Remove. * 44/04
10085 *	Astoria ASTORIA - POINT *						Remove. * 44/04
10815 *	Lewis and Clark Bridge - Fog Signal *						Remove. * 44/04
10816 *	- RACON *						Remove. * 44/04
13027 *	Lake Wallula UNION PACIFIC *						Remove. * 44/04
14017 *	Lower Granite Reservoir Chief Timothy Water Intake Light *	46 25 38 N 117 09 11 W *	Q Y *			On piling. *	Private aid. * 44/04
15533 718	Grays Harbor Scripps Institute Wave Recorder Lighted Buoy	46 51 25 N 124 14 40 W	FI (5) Y 20s *			Yellow sphere shaped buoy.	Private aid. 44/04
16222	Strait of Juan De Fuca Traffic Lane Separation Lighted Buoy PA	48 12 54 N 123 28 41 W	FI Y 2.5s *		6	Yellow.	44/04
16747	Puget Sound Puget Sound Research Buoy	47 45 41 N 122 23 48 W	FI (5) Y 20s *			3 orange and white warning buoys mark mooring cables.	Private aid. 44/04
16760	NOAA Research						Remove. 44/04

*	*						*	
17230	Puget Sound							
*	Tacoma Narrows						Remove.	44/04
17235	*						*	
*	Tacoma Narrows						Remove.	44/04
17755	*						*	
*	Hood Canal						Remove.	44/04
17760	- Bridge West						*	
*	*						Remove.	44/04
17765	- Bridge Main						*	
*	*						Remove.	44/04
17905	- Bridge East						*	
	Dabob Bay							
	LYNCH COVE DOCK	47 25 18 N	F Y	14			Private aid.	44/04
	LIGHTS (2)	122 54 00 W	*					
18305	Lake Washington							
*	Evergreen Point						Remove.	44/04
18310	*						*	
*	Evergreen Point						Remove.	44/04
18410	Totten Inlet							
	Totten Inlet	47 07 40 N	FI Y 6s	3	On floating fish pen.		Private aid.	44/04
	Aquaculture	123 01 01 W	*					
	Lights (2)							
18412	Squaxin Passage							
	Kamilche Sea Farm	47 07 29 N	Q Y		Yellow.		Private aid.	44/04
	Lighted Buoy A	123 01 16 W	*					
19555	San Juan Channel							
	CATTLE POINT	48 27 02 N	FI W 4s	94	7	White octagonal tower.	*	44/04
	LIGHT	122 57 48 W						

PUBLICATION CORRECTIONS

None

ENCLOSURES

Oregon - Washington - Columbia River - Dredging Operations >See Append 1<
Washington - U.S. Coast Guard Group Port Angeles and Group Seattle areas of responsibilities >See Append 2<
Washington Tabulation EVERETT HARBOR AND SNOHOMISH RIVER >See Append 3<
Columbia River Tabulation - COLUMBIA RIVER CHANNEL ENTRANCE TO MILLER SANDS >See Append 4<
Columbia River Tabulation - MILLER SANDS RANGE TO GULL ISLAND TURN >See Append 5<
Columbia River Tabulation - GULL ISLAND TURN AND CHANNEL TO SAINT HELENS TURN >See Append 6<
Columbia River Tabulation - SAINT HELENS TURN TO TOMAHAWK BAR >See Append 7<
Columbia River Tabulation - MORGAN CHANNEL TO TOMAHAWK BAR >See Append 8<
Columbia River Tabulation - TOMAHAWK BAR TO BONNEVILLE LOCKS >See Append 9<
Columbia River Tabulation COOS BAY AND ISTHMUS SLOUGH CHANNEL >See Append 10<

If you have any questions, comments, or need additional information concerning this or other LNMs or the LNM Mailing List (e.g. additions, deletions, corrections) contact the address or phone number on the front page.

D. R. McCRIMMON, JR.
Commander, U.S. Coast Guard
Chief, Aids to Navigation & Waterways Management Branch
Thirteenth Coast Guard District
By direction of the District Commander

OREGON – WASHINGTON – COLUMBIA RIVER – Dredging Operations

Dredging operations are planned or in progress at the following locations :

Start Date	End Date	Times	Location	Dredge Vessel	Assist Vessel	Channels Monitored	Disposal Area	LNM
16 Aug 04	15 Feb 05	0700-1900 Mon - Fri	<u>Duwamish River</u>	DB Seattle		14 and 16 VHF-FM	Terminal 25	32/04
19 Jul 04	15 Feb 05	0500-1800 Mon - Fri	<u>East Waterway</u>	Mason Derrick	Olympic Tug, Rebel and Minnie	8 and 14 VHF-FM	Terminal 25 and Elliott Bay	28/04
16 Jul 04	Dec 04	24 hours 6 days	<u>Blair Waterway</u>	Vulcan	Gladys M Wollochot	13, 14 and 66 VHF-FM	Blair Waterway Slip 5 and PSSDA	28/04
11 Oct 04	02 Dec 04	0700-1400 Mon - Fri	<u>Cap Sante Marina</u>	DB Tacoma	Rossario	13 and 14 VHF-FM	48-30-52.2N 122-43-33.6W	40/04

*US Army Corps of Engineer dredges request mariners transit at their slowest safe speed to minimize wake when in the vicinity of a dredge and proceed after passing arrangements have been made.

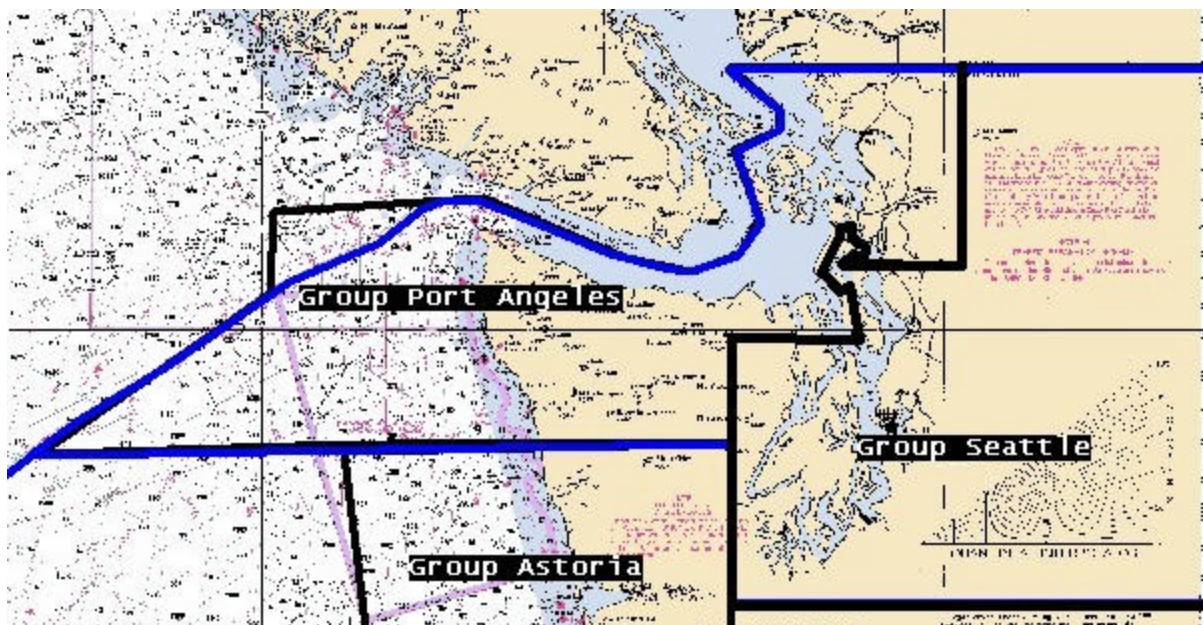


CHART 18444

EVERETT HARBOR AND SNOHOMISH RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLW (FEET)
ENTRANCE TO SETTLING BASIN	12.8	12.2	12.8	4-04	150-425	1.1	15
SETTLING BASIN	11.9	9.9	9.5	4-04	700	0.2	20
SETTLING BASIN TO R.R. BRIDGE	7.0	5.6	5.3	4-04	150	2.2	8
R.R. BRIDGE TO OPPOSITE WEYERHAUSER CO. (48°00'27.0"N, 122°10'41.0"W)	7.6	7.1	6.6	4-04	150	0.7	8
WEYERHAUSER CO. TO OPPOSITE 19TH ST. (47°59'29.0"N, 122°10'42.0"W)	9.3	7.8	7.4	4-04	150	1.1	8
NOTE: THE PROJECT WIDTH IS 100 FEET AT THE BRIDGES. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

CHART 18521

COLUMBIA RIVER CHANNEL DEPTHS ENTRANCE TO MILLER SANDS RANGE								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 06, 2004								
* SEE FOOTNOTES						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH CRD (FEET)
ENTRANCE RANGE	54	51	51	43	9-04	2640	3.3	48
SAND ISLAND RANGE (CLATSOP SPIT)	49	50	50	46	9-04	2640	2.2	48
LOWER DESDEMONA SHOAL	43	45	43	43	8-04	600	3.4	40
UPPER DESDEMONA SHOAL	40	43	47	45	9-04	600	3.6	40
TANSY POINT TURN AND RANGE	40	42	42	38	8-04, 9-04	600	4.8	40
ASTORIA RANGE	40	42	43	41	9-04	600	2.7	40
TONGUE POINT CHANNEL	41	44	42	41	9-04	600	2.2	40
HARRINGTON POINT RANGE	41	41	43	38	9-04	600	2.6	40
MILLER SANDS RANGE	36	41	39	40	9-04	600	2.2	40
* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT								
* CONTROLLING DEPTHS IN CHANNELS ENTERING FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER FROM THE ENTRANCE TO HARRINGTON POINT AND COLUMBIA RIVER DATUM ABOVE THAT POINT. PROJECT LENGTHS ARE IN STATUTE MILES.								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

CHART 18523

COLUMBIA RIVER CHANNEL DEPTHS MILLER SANDS RANGE TO GULL ISLAND TURN AND CHANNEL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 06, 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH CRD (FEET)
MILLER SANDS RANGE	36	41	39	40	9-04	600	2.2	40
PILLAR ROCK LOWER RANGE	37	41	41	37	9-04	600	3.0	40
PILLAR ROCK UPPER RANGE	33	42	40	38	8-04, 9-04	600	1.9	40
WELCH ISLAND REACH	41	42	43	36	8-04	600	3.2	40
SKAMOKAWA CHANNEL	22	42	39	37	7-04	600	3.3	40
STEAMBOAT REACH	48	48	43	40	7-04	600	1.4	40
PUGET ISLAND RANGE AND TURN	40	42	38	34	7-04	600	3.5	40
WALNA RANGE	37	39	43	40	8-04	600	2.2	40
DRISCOLL RANGE	39	40	41	41	8-04	600	1.7	40
WESTPORT TURN AND RANGE	37	40	41	42	8-04	600	2.0	40
WESTPORT CHANNEL	40	41	40	39	8-04	600	2.4	40
EUREKA LOWER CHANNEL	44	45	42	45	8-04	600	2.1	40
EUREKA UPPER CHANNEL	43	44	43	42	8-04	600	0.8	40
OAK POINT CHANNEL	45	44	43	44	8-04	600	2.4	40
GULL I TURN AND CHANNEL	46	50	40	36	8-04, 9-04	600	2.2	40
* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES TO THE ABOVE INFORMATION								

CHART 18524

COLUMBIA RIVER CHANNEL DEPTHS GULL ISLAND TURN AND CHANNEL TO SAINT HELENS TURN TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 06, 2004								
CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH CRD (FEET)
GULL I TURN AND CHANNEL	46	50	40	36	8-04, 9-04	600	2.2	40
STELLA RANGE	38	42	40	38	9-04	600	2.8	40
FISHER I CHANNEL	39	40	38	39	8-04	600	0.9	40
WALKER I CHANNEL	37	42	43	37	8-04	600	1.5	40
BARLOW PT. CHANNEL	42	45	39	39	8-04	600	1.3	40
SLAUGHTERS CHANNEL	39	40	39	40	9-04	600	2.3	40
SLAUGHTERS TURN AND CHANNEL OPPOSITE THE TURNING BASIN	38	41	40	38	9-04	600	1.7	40
COTTONWOOD ISLAND LOWER RANGE	41	40	39	38	8-04	600	1.7	40
COTTONWOOD ISLAND TURN	43	42	38	39	8-04	600	2.7	40
COTTONWOOD ISLAND UPPER RANGE	42	42	42	40	8-04, 9-04	600	1.6	40
KALAMA LOWER RANGE	44	43	41	33	9-04	600	1.8	40
KALAMA UPPER RANGE	39	42	39	40	9-04	600	2.2	40
BYBEE LEDGE CHANNEL	39	42	43	39	9-04	600	2.1	40
MARTIN ISLAND CHANNEL	41	38	39	38	9-04	600	2.1	40
MARTIN ISLAND RANGE	39	42	42	40	9-04	600	1.4	40
COLUMBIA CITY CHANNEL	39	40	38	38	9-04	600	1.2	40
ST. HELENS RANGE	39	41	41	39	9-04	600	2.0	40
ST. HELENS TURN	42	43	42	37	9-04	600	1.7	40
* CONTROLLING DEPTHS ROUNDED TO NEAREST FOOT NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

CHART 18525

COLUMBIA RIVER CHANNEL DEPTHS SAINT HELENS TURN TO TOMAHAWK BAR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORTS OF OCT 06, 2004								
CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH CRD (FEET)
ST. HELENS TURN	42	43	42	37	9-04	600	1.7	40
WARRIOR ROCK RANGE	38	40	38	39	9-04	600	1.3	40
DUCK CLUB TURN	37	40	42	42	9-04	600	1.4	40
HENRICI RANGE	41	39	41	39	9-04	600	2.6	40
FALES CHANNEL	44	41	41	38	9-04	600	1.1	40
KNAPP POINT CHANNEL	41	42	40	39	9-04	600	1.8	40
WILLOW LOWER RANGE	40	41	42	38	9-04	600	2.1	40
WILLOW UPPER RANGE	40	43	40	45	9-04	600	1.1	40
MORGAN BAR	43	46	49	47	9-04	600	1.0	40
MORGAN CHANNEL	46	45	42	42	9-04	600	1.5	40
VANCOUVER LOWER CHANNEL	46	47	49	47	8-04	500	1.0	40
VANCOUVER RANGE	40	42	42	41	8-04	500	1.3	40
VANCOUVER UPPER CHANNEL	41	42	38	39	8-04	500	0.9	40
VANCOUVER LOWER TURNING BASIN	36	38	41	40	8-04	800	1.0	40
VANCOUVER UPPER TURNING BASIN	32	30	27	27	8-04	800	0.9	35
TOMAHAWK BAR	18	18	18	17	11-03	300	3.7	27
* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

CHART 18526

COLUMBIA RIVER CHANNEL DEPTHS MORGAN CHANNEL TO TOMAHAWK BAR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 06, 2004								
CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH CRD (FEET)
MORGAN CHANNEL	46	45	42	42	9-04	600	1.5	40
VANCOUVER LOWER CHANNEL	46	47	49	47	8-04	500	1.0	40
VANCOUVER RANGE	40	42	42	41	8-04	500	1.3	40
VANCOUVER UPPER CHANNEL	41	42	38	39	8-04	500	0.9	40
VANCOUVER LOWER TURNING BASIN	36	38	41	40	8-04	800	1.0	40
VANCOUVER UPPER TURNING BASIN	32	30	27	27	8-04	800	0.9	35
TOMAHAWK BAR	18	18	18	17	11-03	300	3.7	27
* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 18531

COLUMBIA RIVER CHANNEL DEPTHS TOMAHAWK BAR TO BONNEVILLE LOCKS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 06, 2004							
CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH CRD (FEET)
TOMAHAWK BAR	18	18	17	11-03	300	3.7	27
AIRPORT BAR	18	18	18	3-04	300	2.8	27
GOVERNMENT ISLAND LOWER RANGE	16	17	17	3-04	300	1.1	27
GOVERNMENT ISLAND MIDDLE RANGE	14	18	16	3-04	300	1.6	27
FISHER QUARRY CHANNEL RANGE	26	24	21	3-04	300	1.0	27
GOVERNMENT ISLAND RANGE	25	30	25	3-04	300	1.1	27
GOVERNMENT ISLAND UPPER RANGE	17	18	21	3-04	300	0.8	27
LADY ISLAND RANGE	18	21	23	3-04	300	2.1	27
LADY ISLAND CHANNEL AND UPPER RANGE	28	28	19	3-04	300	0.9	27
WASHOUGAL LOWER RANGE	21	28	28	3-04	300	1.5	27
WASHOUGAL UPPER RANGE	19	26	30	3-04	300	1.1	27
GARY ISLAND RANGE	16	15	15	3-04	300	0.9	27
REED ISLAND RANGE	18	15	14	10-03, 3-04	300	2.2	27
TUNNEL POINT CHANNEL	24	25	26	10-03	300	0.8	27
ROOSTER ROCK CHANNEL	26	23	25	10-03	300	1.2	27
CAPE HORN CHANNEL	34	32	31	10-03	300	2.4	27
CANDIANA CHANNEL	16	38	38	10-03	300	1.0	27
FASHION REEF LOWER RANGE	12	19	21	10-03	300	2.2	27
MULTNOMAH FALLS BAR RANGE	13	23	16	10-03	300	1.3	27
MULTNOMAH FALLS TURN	12	20	21	10, 11-03	300	0.8	27
MULTNOMAH FALLS UPPER RANGE	18	21	24	11-03	300	3.2	27
MCGOWANS CHANNEL	39	34	25	11-03	300	1.1	27
WARRENDALE LOWER RANGE	20	22	23	11-03	300	0.9	27
WARRENDALE UPPER RANGE	21	28	22	11-03	300	0.8	27
HAMILTON ISLAND REACH	21	30	27	11-03	300	0.9	27
ENTRANCE TO BONNEVILLE LOCKS	22	22	22	3-00	300	0.6	27

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHART 18587

COOS BAY AND ISTHMUS SLOUGH CHANNEL DEPTHS TABULATED FROM SURVEYS AND REPORTS BY THE CORPS OF ENGINEERS - SURVEYS AND REPORTS TO SEP 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ENTRANCE RANGE	38	38	38	8-04	—	1.9	47-37
ENTRANCE RANGE AND TURN	38	46	29	8-04	300-1050	0.5	37
INSIDE RANGE	37	38	36	8-04	300	0.6	37
COOS BAY RANGE	35	37	36	8-04	300	1.6	37
EMPIRE RANGE	36	38	38	7-04	300	1.3	37
LOWER JARVIS RANGE	22	38	37	7-04	300	0.8	37
JARVIS TURN	36	40	33	7-04	300	0.5	37
UPPER JARVIS RANGE	31	35	33	7-04	300-700	1.9	37
NORTH BEND LOWER RANGE	36	38	35	7-04	400	0.4	37
NORTH BEND RANGE	29	37	35	6-04	400	0.9	37
NORTH BEND UPPER RANGE	30	38	32	6-04	400	0.6	37
LOWER TURNING BASIN	36	37	35	6-04	400-600	0.3	37
FERNDALDE LOWER RANGE	37	38	38	8-04	400	0.4	37
FERNDALDE TURN	29	38	38	8-04	400	0.2	37
FERNDALDE UPPER RANGE	23	37	34	8-04	400	0.7	37
MARSHFIELD RANGE	36	34	31	8-04	400	0.4	37
MARSHFIELD RANGE TO ISTHMUS SLOUGH	33	31	31	8-04	150-750	0.9	37
ISTHMUS SLOUGH	19	20	19	4-85	150	2.0	22

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION